

CLAIM

- 1 1. A method for selecting a print driver comprising:
2 receiving information corresponding to a print task, wherein the print
3 task exhibits a document type;
4 determining the document type for the print task; and
5 selecting a page description language driver based upon the document
6 type that is to be used to convert the information corresponding to the print
7 task such that after conversion the information corresponding to the print task
8 exhibits the page description language selected.
- 1 2. The method of claim 1, further comprising:
2 converting the information corresponding to the print task using the
3 page description language driver.
- 1 3. The method of claim 2, further comprising:
2 sending the information corresponding to the print task having the page
3 description language to a printer.
- 1 4. The method of claim 1, wherein determining a page description language
2 driver includes:
3 determining the page description language driver to convert the
4 information corresponding to the print task based upon pre-determined
5 relationships; and
6 selecting the page description language driver that corresponds to the
7 page description language.
- 1 5. The method of claim 4, wherein determining the page description language
2 driver to convert the information corresponding to the print task based upon
3 pre-determined relationships, includes:
4 selecting a Postscript page description language driver if the document
5 type is an Adobe type document.

1 6. The method of claim 4, wherein determining the page description language
2 driver to convert the information corresponding to the print task based upon
3 pre-determined relationships, includes:

4 selecting a PCL-5 page description language driver if the document
5 type is selected from a forms type document and a legacy type document.

1 7. The method of claim 4, wherein determining the page description language
2 driver to convert the information corresponding to the print task based upon
3 pre-determined relationships, includes:

4 selecting a PCL-XL page description language driver if the document
5 type is selected from a Microsoft-Word type document, Microsoft-Excel type
6 document, and a Visio type document.

1 8. The method of claim 1, wherein determining a page description language
2 driver includes:

3 selecting the page description language driver that results in the
4 shortest print time for the information corresponding to the print task.

1 9. An adaptive print driver system, comprising:
2 a page description language driver selection system configured to
3 receive information corresponding to a print task, wherein the print task has a
4 document type; configured to determine the document type for the print task;
5 and configured to determine a page description language driver based upon the
6 document type that is to be used to convert the information corresponding to
7 the print task to information corresponding to the print task exhibiting the page
8 description language.

1 10. The system of claim 9, further comprising:
2 at least one page description language driver configured to convert the
3 information corresponding to the print task to information corresponding to the
4 print task exhibiting a page description language.

1 11. The system of claim 10, wherein the at least one page description language
2 driver is selected from a PCL-5e driver, HPGL driver, PCL-3 driver, PCL-5c
3 driver, PCL-XL driver, and a Postscript driver.

1 12. The system of claim 10, wherein the page description language driver is
2 configured to send the information corresponding to the print task exhibiting
3 the page description language to a printer.

1 13. The system of claim 10, wherein the page description language driver is
2 configured to determine the page description language to convert the
3 information corresponding to the print task based upon pre-determined
4 relationships and is configured to select the page description language driver
5 that corresponds to the page description language.

1 14. The system of claim 10, further comprising:
 2 means for receiving information corresponding to a print task, wherein
 3 the print task has a document type;
 4 means for determining the document type for the print task;
 5 means for determining a page description language driver based upon
 6 the document type that is to be used to convert the information corresponding
 7 to the print task to information corresponding to the print task exhibiting the
 8 page description language.

1 15. The system of claim 10, further comprising:
 2 means for converting the information corresponding to the print task
 3 using the page description language driver.

1 16. The system of claim 10, wherein the page description language driver selection
 2 system is implemented in a printer.

1 17. The system of claim 10, wherein the page description language driver selection
 2 system is implemented in a computer.

- 1 18. A computer readable medium for use in a computer system for selecting
2 a print driver, said computer readable medium comprising:
3 logic configured to enable information corresponding to a print task to
4 be received;
5 logic configured to enable a document type for the print task to be
6 determined; and
7 logic configured to enable a page description language driver to be
8 determined based upon the document type that is to be used to convert the
9 information corresponding to the print task to information corresponding to the
10 print task having the page description language.
- 1 19. The computer readable medium of claim 18, further comprising:
2 logic configured to enable information corresponding to the print task
3 to be converted using the page description language driver.
- 1 20. The computer readable medium of claim 18, further comprising:
2 logic configured to enable the information corresponding to the print task
3 having the page description language to be sent to a printer.